



**Karolinska  
Institutet**

Course syllabus for

# **Applied Communication in Biomedicine 4, 2.5 credits**

Tillämpad kommunikation i biomedicin 4, 2.5 hp

This course syllabus is valid from autumn 2019.

Please note that the course syllabus is available in the following versions:

[Autumn2013](#) , [Autumn2014](#) , Autumn2019

Course code	4BI099
Course name	Applied Communication in Biomedicine 4
Credits	2.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Biomedicine
Level	AV - Second cycle
Grading scale	Fail (U), pass (G) or pass with distinction (VG)
Department	Department of Biosciences and Nutrition
Decided by	Programnämnd 7
Decision date	2013-03-21
Revised by	Programme committee for study programmes in biomedicine
Last revision	2019-03-27
Course syllabus valid from	Autumn 2019

## **Specific entry requirements**

At least the grade G (pass) on the courses Applied communication in biomedicine 1 including philosophy of science and bioethics, Applied communication in biomedicine 2, Frontiers in translational medicine, Laboratory animal science in theory and practice, and Biostatistics, within the Master's programme in Biomedicine.

## **Objectives**

On completion of the course, the student should be able to:

- integrate knowledge of theory and practice in the form of a research proposal within the biomedical field,
- reason about the relevance and importance of a research proposal within the biomedical field in the form of a grant application,
- critically assess grant applications.

## Content

The course covers identification of different funding opportunities, how grant applications are reviewed, and writing a grant application.

## Teaching methods

Instruction is based on lectures, seminars and group and/or individual assignments.

## Examination

Examination is by individual written presentation of assignment (a grant application and peer-review) which are graded Fail/Pass/Pass with distinction. To obtain a grade of Pass for the course, the student must obtain the grade of Pass for both assignments. To obtain a grade of Pass with distinction for the course, the student must obtain a minimum grade of Pass for the peer review and the grade of Pass with distinction for the grant application.

### Compulsory participation

Participation in seminars and group work is compulsory. The course director assesses if and, in that case, how absence can be compensated. Before the student has participated in all compulsory parts or compensated absence in accordance with the course director's instructions, the student's results will not be registered in LADOK. Absence from a compulsory activity may result in that the student cannot compensate the absence until the next time the course is given.

### Limited number of examinations or practical training sessions

Students who have not passed the regular examination are entitled to participate in five more examinations. If the student is not approved after four examinations, he/she is recommended to retake the course at the next regular course date, and may, after that, participate in two more examinations. If the student has failed six examinations/tests, no additional examination or new admission is provided.

The number of times that the student has participated in one and the same examination is regarded as an examination session. Submission of a blank examination is regarded as an examination. An examination, for which the student registered but not participated in, will not be counted as an examination.

If there are special grounds, or a need for adaptation for a student with a disability, the examiner may decide to deviate from the syllabus's regulations on the examination form, the number of examination opportunities, the possibility of supplementation or exemptions from the compulsory section/s of the course etc. Content and learning outcomes as well as the level of expected skills, knowledge and abilities may not be changed, removed or reduced.

## Transitional provisions

After each course occasion there will be at least six occasion for the examination within a two-year period from the end of the course.

## Other directives

The course language is English.

Course evaluation will be carried out in accordance with the guidelines established by the Board of Higher Education.

Oral evaluation, course council meeting, will be carried out during the course.

## Literature and other teaching aids

Course literature is papers and material handed out during the course.